

CNG2B: A NOVEL HUMAN CYCLIC NUCLEOTIDE-GATED ION CHANNEL

ABSTRACT OF THE DISCLOSURE

- The invention provides isolated nucleic acid and amino acid sequences of
- 5 CNG2B, antibodies to CNG2B, methods of detecting CNG2B, and methods of screening for modulators of cyclic nucleotide-gated ion channels using biologically active CNG2B.
- The invention further provides, in a computer system, a method of screening for mutations of human CNG2B genes as well as a method for identifying a three-dimensional structure of human CNG2B polypeptides.

10

SF 1254576 v1